

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [001] with the following amended paragraph:

[001] A ball and socket-type swivel connector for use with second stage regulators used by scuba divers. ~~The ball is made from a metal with good corrosion resistance.~~ The ball is then held into a true position by two separate low friction bushings. The two bushings, "sandwich" the metal swivel ball with light assembly pressure. This is accomplished by machining or molding the same radius of the swivel ball into one side of each of the two low friction bushings. As system pressure increases, the ball is forced rearwards and the squeeze increases. No seawater can enter the swivel. ~~No area exists for seawater to collect around the O-ring.~~ The bushing occupies all of the available space except for the gap provided around the O-ring gland, an area used to hold lubrication. The preferred embodiment uses a high grade stainless steel swivel ball, virgin Teflon bushing material and an internally lubricated low friction O-ring. A wiper ring boot, ~~a ball and socket wiper that utilizes an outer boot as a wiper ring to keep~~ keeps sand and contamination out of the rotational mechanism of the ~~comfort~~ swivel.

Please replace paragraph [015] with the following amended paragraph:

[015] Referring to the accompanying drawings, it will be seen that the present invention is employed in conjunction with a second stage regulator assembly 10 comprising a regulator 12 and an air hose 14. The preferred embodiment of a swivel connector 16 of the present invention is disposed between the regulator 12 and hose 14 as shown in FIG. 1. A wiper ring boot 15 is disposed over the hose 14 adjacent the swivel connector 16 in a manner which aids in the reduction of contamination of the swivel connector as will be explained in detail hereinafter. The swivel connector is secured to the regulator 12 using an interface connector 18. An O-ring 38 provides a watertight seal with connector 18. The manner in which the swivel connector 16 is secured to hose 14 is understood best from FIG. 3. As seen in FIG. 3, swivel connector 16 comprises a swivel ball 20 secured in a swivel socket 22, which terminates in connector 24, the latter being threadably secured to interface connector 18. Swivel ball 20 has an integral elongated stem 26 which terminates in an anchor portion 28 within hose 14. Stem 26 and anchor portion 28 form an interior air passage 30 which extends into the air passage within hose 14. As also seen best in FIG. 3, boot 15 terminates in a bell-shaped wiper portion 17 which loosely engages socket 22 to wipe away sand and other particulate contaminants from the socket surface as the swivel is rotated during use.